



NYSDEC SPILL REPORT FORM



DEC REGION: 7 SPILL NUMBER: 1600205
SPILL NAME: GREENLEAFE DRIVE DEC LEAD: SMFITZGE

CALLER NAME: REBECCA EWALD NOTIFIER'S NAME: REBECCA EWALD
CLR'S AGENCY: CITIZEN NOTIFIER'S AGENCY: CITIZEN
CALLER'S PHONE: (315) 395-4775 NOTIFIER'S PHONE: (315) 395-4775

SPILL DATE: 04/05/2016 SPILL TIME: 12:00 am DISPATCHER: _____
CALL RECEIVED DATE: 04/06/2016 RECEIVED TIME: 11:30 am _____

SPILL LOCATION

PLACE: GREENLEAFE DRIVE COUNTY: Onondaga
STREET: GREENLEAFE DRIVE TOWN/CITY: Lysander
COMMUNITY: PHOENIX
CONTACT: REBECCA EWALD CONTACT PHONE: (315) 395-4775

CONT. FACTOR: Human Error SPILL REPORTED BY: Affected Persons
FACILITY TYPE: Private Dwelling WATERBODY: _____

CALLER REMARKS:

Caller reports that neighbor child brought elemental mercury to her garage and that the children played with it, getting it all over her garage. In her child's sneakers and her garden.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
mercury	Hazardous Material	1.75 L		Soil, Air, Ind Air,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
UNKNOWN	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure
----------	-----------	----------	-------	--------	-------------	-----------	---------------

DEC REMARKS:

*Note: Property has a Phoenix mailing, served by the Phoenix Fire District, but is physically located in the Town of Lysander (Onondaga County).

Quantity of mercury unknown, per estimation of bottle seen by Ewalds approximately 2 fluid ounces.

Three children obtained mercury from 3244 Greenleaf Drive residence, played with it and threw it at each other in the garage of the 3249 Greenleaf Drive residence. 911 was called, and Phoenix Fire Department responded to the scene. As per resident, Rebecca Ewald: Phoenix Fire Department stated the mercury was nonhazardous and began to sweep the mercury out of the garage. Phoenix Fire Department then bagged up the contaminated rugs and broom and suggested the homeowner call OCRA for disposal and inform OCRA the contents are contaminated with mercury. OCRA referred the homeowner to a cleanup contractor. Homeowner contacted USEPA and other agencies for advice with cleanup, including NYS DEC the following afternoon.

NYS DEC notified NYS DOH for advice and ECO for investigation. NYS DEC hired NRC for cleanup. NRC arrived on site with a Jerome mercury vapor analyzer (MVA). Vapors inside the 3249 Greenleaf Drive residence read between 0.015 to 0.062 mg/m3. NYS DOH recommended that since the homeowner had additional place to stay, to stay out of the house



NYSDEC SPILL REPORT FORM



DEC REGION:	7	SPILL NUMBER:	1600205
SPILL NAME:	GREENLEAF DRIVE	DEC LEAD:	SMFITZGE

until vapors come down. NRC placed a poly barrier at the entrance of the mud room that leads to the garage and placed poly on all contaminated surfaces on driveway and landscaping to contain the spill.

One of the three children resides at 3240 Greenleaf Drive. As per child: the mercury was never brought to his home. He entered his home, removed his cloths and took a shower. Contractor did not detect vapors with Jerome MVA. Mother of child had bagged the cloths the child was wearing and gave to NRC for disposal.

Other of three children resides at 3244 Greenleaf Drive. Mercury seen observed spilled on the driveway at residence. Homeowner allowed access to driveway to clean up noticeable mercury, would not allow access to home to determine if mercury vapors were detected in the house. Mother of child had bagged contaminated cloths and gave contractor for disposal.

NYS DEC relayed per NYS DOH request to all three residences to get children screened for heavy metals.

4/7 - Returned to spill site and met with Dick Jones from NYS DOH. Noticed more mercury on driveway and edge of driveway at 3244 Greenleaf Drive. NRC continued and completed cleanup of all noticeable mercury by using mercury vacuum. NRC began sorting objects in the garage at 3249 Greenleaf Drive and vacuuming up mercury molecules. Vapors not detected throughout the day using Jerome MVA.

4/8 - NRC vacuumed house carpets and hardwood flooring at 3249 Greenleaf Drive. NYS DEC received a call from USEPA requesting the use of Lumex 915+ or J405 Jerome to obtain reading at lower levels. USEPA sending representative and contractor to provide Lumex.

4/9 - NRC sorted and bagged all items in the garage at 3249 Greenleaf Drive. USEPA arrived on site with contractor Weston Solutions and began readings in 3249 and 3240 Greenleaf Drive with Lumex Mercury Vapor Analyzer (MVA). Obtained background reading at unaffected 3251 Greenleaf Drive for comparison.

4/10 - NRC continued bagging and sorting items in garage. Washed the garage floor with Mercon-X, and ran some Mercon-X in washer. Vacuumed floors in 3240 Greenleaf Drive with mercury vacuum. Requested NYSDOH to call Ewalds for recommendation with staying in house, resident did not stay in the home.

4/11 - NRC removed contaminated items from garage at 3249 Greenleaf Drive for disposal, ran the washer to attempt to bring down vapors, and washed garage floors. NYS DEC received a call from Onondaga County Emergency Management regarding cleanup and questions about assistance with possible training for these type of incidents in the future. Conference call made with NYS DEC, USEPA and NYS DOH to discuss findings and determine proceedings. NYS DEC, NYS DOH and USEPA visited Elden Elementary and screened classroom, found detections relative to background and determined no further action warranted at the school. Visited Greater Baldwinsville Ambulance Corpse (GBAC), ambulance and staff advised no staff entered property and children never entered ambulance. NYS DOH not requesting screening and no further action required. Visited Phoenix Fire Station, directed to turnout gear used and screening detected low levels of vapors. NYS DOH requested to air clothing to remove entrapped vapor. The fire truck that responded to scene detected vapors, NYS DOH requested ventilation and cleaning of fire truck with Mercon-X.

4/12 - NRC continued to remove contaminated debris from garage at 3249 Greenleaf Drive, vacuumed indoors with mercury vacuum to continue attempts to bring indoor readings down. Continued conference calls to NYS DOH, NYS DOH requested Onondaga County Medical Director to contact Ms. Snowman of 3244 Greenleaf Drive to allow access so mercury vapors may be analyzed.

4/13 - NRC arrived to Phoenix fire station and washed fire truck with Mercon-X, then left doors open to continue ventilation. NYS DOH recommended removal of contaminated carpeting at 3249 Greenleaf Drive as per data obtained showing continued cleanup attempts not removing mercury from rugs. NRC then placed poly barrier on son's door and removed carpets from room, wiped plywood underneath with Mercon-X. Continued with wash and rinse of washing machine to remove mercury. Removed sink trap from upstairs bathroom to remove mercury and bring down vapors coming from sink. Vapors also present in bathtub. USEPA obtains head and shoulders shampoo, attempting to add sulfur to drains to attempt to bind with mercury to assist in removal from drains.

4/14 - NRC continued removing remainder of contaminated carpet at 3249 Greenleaf Drive. Vacuumed all floors with mercury vacuum and wash with Mercon-X. USEPA continued reading in 3249 and 3240 Greenleaf Drive residences.



NYSDEC SPILL REPORT FORM



DEC REGION:	7	SPILL NUMBER:	1600205
SPILL NAME:	GREENLEAF DRIVE	DEC LEAD:	SMFITZGE

4/15 - NRC began vacuuming driveway at 3249 Greenleaf Drive with mercury vacuum. USEPA Criminal Investigation Division arrived on site to investigate mercury spill. Onondaga County Children and Family Services arrived on site to contact homeowner at 3244 Greenleaf Drive. Homeowner then allowed access to get readings of mercury vapor with Lumex MVA. NRC vacuumed livingroom rug at 3240 Greenleaf Drive.

4/16 - NRC bagged son's cloths of 3249 Greenleaf Drive to confirm readings detected by USEPA Lumex MVA. NRC vacuumed basement rugs and attempted to heat and ventilate. Continued with rinse cycles in washer at highest temperature for continual attempt to remove mercury vapors. NRC continued with attempting to vacuum and clean driveway to remove mercury at 3249 Greenleaf Drive.

4/17 - At 3249 Greenleaf Drive, NRC removed rug on stairway and landing in basement due to continual attempts to clean not reducing mercury vapors. Vapors in washing machine still high when reading with USEPA Lumex MVA. 3244 Greenleaf Drive driveway mercury contamination extent analyzed by USEPA and marked with chalk. NRC contained by covering with poly. USEPA mercury vapors analyzed in 3240 Greenleaf Drive, Head and Shoulders shampoo poured in bathtub drain and rinsed with boiling water to bring down vapors from drain.

4/18 - NRC removed contaminated washer and debris from residence at 3249 Greenleaf drive, continued with attempting to vacuum mercury from driveway. USEPA continued to use Lumex MVA to mark extent of outdoor contamination at 3249 and 3244 Greenleaf Drive and marked with flags.

4/19 - NRC vacuumed all floors, wood and carpet, at 3249 Greenleaf Drive. USEPA contractor placed towels in washer and ran cycle to get later readings. NRC vacuumed driveway at 3244 Greenleaf Drive and attempted to get out mercury trapped in pours. USEPA contractor returned to 3240 Greenleaf drive, following heating to approximately 80°F, detected elevated readings above 1ug/m3 with Lumex MVA.

4/20 - Claims adjuster for homeowners insurance of 3244 Greenleaf Drive arrived on site to evaluate damage. Sara, attorney by practice but evaluating site as acquaintance to homeowner at 3249 Greenleaf Drive, on site at 3249 Greenleaf Drive for the day to provide friendly advice to homeowner. NRC continued to vacuum and remove mercury from pours of driveway at 3244 Greenleaf Drive. NRC removed additional carpet near landing of basement stairs, washed floors upstairs with vinegar and placed multiple baking soda boxes to remove Mercon-X odor from area due to previous cleaning.

4/21 - Sort clothing with family to obtain readings and prepare for USEPA to place them in hotel to complete cleanup.

4/22 - Cleanup transferred to USEPA upon NYSDEC request of assistance. USEPA contractor, Environmental Restoration (ER), on site removing all items from 3249 Greenleaf Drive and placing in poly bags for screening.

4/27 - USEPA contractor set up three tents in back yard screening, staging and remediation tents. USEPA contractor ER, removed all items from 3249 Greenleaf Drive to be screened by Weston Solutions screening and disposed or remediated accordingly. ER removed the remainder of carpet in basement and upstairs bedroom removed, and heated and ventilated the house. USEPA contractors began setting up residents at 3240 Greenleaf drive for hotel to begin cleanup at this location. USEPA and NYSDEC spoke with homeowner at 3244 Greenleaf Drive to begin access arrangement to complete cleanup at this location.

4/28 - Screening and remediation efforts continued by USEPA contractors at 3249 Greenleaf Drive. Driveway sealed and removal began. Heating and ventilation of house continued.

4/29 - USEPA contractors began cleanup of 3240 Greenleaf Drive. Continued Cleanup at 3249 Greenleaf Drive.

5/5 - USEPA contractor completed carpet removal and heat and ventilation at 3240 Greenleaf Drive. Tub drain trap removed at 3249 Greenleaf Drive and heat and ventilation completed. USEPA set up 8 hour air sampling for mercury vapors in 3249 and 3240 Greenleaf Drive. Homeowner at 3244 Greenleaf Drive signed USEPA access agreement and Weston Solutions began to screen clothing for homeowner move to hotel. Cleanup activities initiated at 3244 Greenleaf by vacuuming garage and setting up staging tents in back yard.



NYSDEC SPILL REPORT FORM



DEC REGION: 7 SPILL NUMBER: 1600205
SPILL NAME: GREENLEAFE DRIVE DEC LEAD: SMFITZGE

5/9 – Results from sampling at 3240 and 3249 Greenleaf Drive obtained by USEPA and determined successfully remediated to below 90 nanograms above ambient level. All objects at 3249 Greenleaf Drive continuing to be screened and separated for disposal, remediation or placed in trailer for return to house. Flooring replacement activities began at 3249 Greenleaf Drive. Contaminated objects from 3244 Greenleaf Drive have been removed and placed in tents outside, contaminated carpet removed, and heating and ventilation activities began.

PIN
H6919

T & A

COST CENTER

CLASS: B2

CLOSE DATE:

MEETS STANDARDS: False